General Chemistry II
ONLINE COURSE SYLLABUS
Summer II, 2017

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Course Description
This course is for science and science-related majors. Fundamental concepts of chemistry are presented including thermodynamic, rate of reaction, acids and bases, equilibrium in acid-base solution, spontaneity of reaction and electrochemistry etc. An understanding of organic chemistry and biochemistry depends on a sound foundation of general chemistry.

Textbooks
Either 7th edition or 8th edition

Virtual ChemLab: General Chemistry, Student Lab Manual / Workbook, v2.5, 3/e

- Since this lab manual and its CD out of selling students can find the manual at our eCampus that we download from Brigham Young University website, meanwhile, the publisher allow us to use our site licensed CD to install into student’s computer.
- Please bring your laptop or flash drive to school at appointed time that we will announce every week we can help you to install/copy.

Computer Requirements
For online class students must sit in front of computer for study. iPad or iPhone is not an appropriate tool for study. We don’t encourage students to print all materials for study. Students need to communicate with computer to complete such as “Clicker” or “Online Quiz” practice with critical thinking.
To participate in this course, you will need access to hardware and software that meet the following requirements. Computer connected to the Internet
- Email address containing either your first or last name
- Windows-based OR Mac/UNIX equivalent
- Internet Explorer /Firefox
- 56K modem or faster
- Flash Plug-in
  - In order to receive maximum interactive benefit from this course, you must have the following plug-in player installed and functioning properly on your system. To download the player, simply click on the icon below and follow the instructions provided.

- Access to Microsoft Office 2003 or higher software with the following application software:
  - Word processing (Word)

Technical Support
Although the system that you will be using for this course can be reached through the computer labs at any DCCCD campuses, the student is responsible for required equipment and technical support. If you are having problems with eCampus, please call LeCroy Help Desk for technical support at 972.669.6402.
**Course Prerequisites**
DMAT 0093 or equivalent and any one of the following: high school chemistry, Chemistry 1405 or equivalent or permission of the Instructor.
Previous experience with on-line courses is highly recommended.

**Course Requirements**
- Complete the Course Orientation.
- Participate in Introduction of Yourself in discussion board at eCampus.
- Read all class email by instructor carefully. Don’t reply class email that could miss by instructor due to system Thread effect. It is better to send your email to instructor directly with remarkable title about your topic.
- Participate in assigned discussions, posting and replying as directed.
- Complete learning activities (such as “Weekly Activities”)/ lab assignments.
- Prepare for and complete chapter tests and exams.

**Time Commitment**
Successful performance in the course will take a time commitment of approximately 10-12 hours/week of your time.

**Discussion Board**
Discussion boards are used to orient students to the course and to assist in the more challenging chapters. Discussion board comments are entered online either within the chapter content or under the Discussion Board navigation button. Each forum contains one discussion topic (thread). To maintain good communication, organization is required. Please follow directions carefully.

**How to complete a discussion board:**
1. Enter the Discussion Board section for the course.
2. Click on the topic (thread) and read the directions.
3. Click on the Reply button.
4. Type or paste your response in the Message test box.
5. Observe Rules of Netiquette (located under Start Here).
6. Click the Submit button.
7. Look through your classmate messages and respond to someone else’s message with two or three sentences. (Click on the student’s message, click on Reply, type your response, and click Submit.)
8. Click OK at the end of the board to exit. (You will have to scroll down to see the OK button.)

**Learning Activities**
- Lecture: Students will face to the computer for study and can repeat the chapter study with eCampus but they still need to make study notes. It is extremely important for on-line class.
- Pay attention to all emails by instructor and Weekly Activities.
There are several interactive activities to complete for each chapter assignment. Do NOT send assignment results to your instructor. These activities are for your learning and you may repeat as often as you need to learn the material. It is a hybrid online class. The instructor still will provide face to face chance for students to study and review, it is on Friday morning usually or by announcement. Lab — lab exercises are connected with relevant chapter.

**Online Tests and Final Exam**
- Each Online Test consists of 30 questions @ 3 points each plus bonus question worth a total of 100 points. The questions are composed of lecture material questions. Usually before each test the instructor will give students a face to face review time, that is on Friday meeting, once one month and optional. If you want to talk to instructor please make an appointment with your instructor in advance.
- We take online test.
- 1) Students need to send Test Request Just the day before the Test day students plan to take, Instructor will issue you password next day early morning for you. The password will be valid till next next morning round 6:00 AM.
- 2) Students must be very honest for taking online test. To prevent cheating: the test time is limited, once one question showed up, no backwards for test question, and the test questions are random organized. Any cheating behavior will hurt this student.
- 3) Students need to fully prepare all chapters for the corresponding test. Students need to prepare their pencils, sketch paper, calculators for test.
- 4) After students submit their test it automatically shows their test report with raw score. Instructor will curve and balance the raw score into student Grade.

**Attendance/Participation**
Students are required to document attendance and participation in this course through discussion board participation and completing assignments, tests and exams on time. Check for new announcements each time you log in. Changes and other important information will be posted on this page as necessary, and being unaware of the available information will not be accepted as an excuse for failing to comply with it. Instructor also can monitor student visiting eCampus date and time.

**Contacting Instructor**
Place the **course section number in the subject line** (Example: CHEM 1412- 53426) followed by a title for your message when emailing your instructor. This will expedite instructor response and facilitate correct information.

The best way to reach the instructor is by email. Contact information (email address, telephone number, office) is available under the **My Instructor** button.

The instructor will reply by email within 24-48 hours, Monday through Friday. The instructor is not available on weekends or holidays. An email sent Friday afternoon may not be read until Monday afternoon.
Assignments
The course is organized into 16 weeks. Assignments can be found under the chapter. Areas found under this heading:

- **Assignment** — The test bank is provided. The suggestion by instructor is that students only need to do half, even number or odd number, for each chapter, that is enough. **Students don’t need to turn their assignments but if somebody doesn’t do it he/she will get trouble in the test.**
- **Lab** — lab exercises are connected with relevant chapter. Students must have a lab manual with its CD. Students can follow manual instruction to install CD and do labs.
- **Discussions** —The students participate in Discussion is highly recommended. The instructor will post some hints on Discussion Board. Students also can post their questions on the Discussion Board for help.

Instructional Strategies
Instructional strategies in this course will focus on readings, discussions, assignments and exams, and interactive computer exercises.

Grade Determination
6 highest scores out of total 8 quizzes: 6 x 100 points = 600 points
Lab : 20 points

A = 90 - 100%
B = 80 - 89.9%
C = 70 - 79.9%
D = 60 - 69.9%
F = below 60%
Assessment: 40 points for critical thinking, oral/written communication and quantitative literacy assessment; 20 points for team work

Institutional Policies

**Online Conduct**
Discussion Board responses, emails, and all other correspondence among faculty and students enrolled in this class are expected to conform to the level of conduct that would be expected in a regular classroom. Students should feel free to express disagreement with the instructor and other students but it must be done in a manner which is not verbally abusive, threatening, or harassing. Communication among students is encouraged but must end if one of the parties requests that it be terminated.
Students will not send unsolicited email espousing a cause, religion, or activity to other class participants and will not add other class participants to any list serves or other entity which distributes unwanted email or material.
Violation of these guidelines may result in disciplinary action against the offending student. This action can include termination of the student's participation in the class and a grade of "F".

Academic Honesty
Academic dishonesty (cheating) will not be tolerated in either lecture or laboratory sections of the course. If cheating is observed, points for that activity will be disallowed, and grades of zero given for cheating may not be dropped. Academic dishonesty includes activities such as copying lab report answers from other students and collaboration with students who have completed Chapter Tests and Proctored Exams. **It can be assumed that tests/exams showing the same or similarly missed questions as evidence of dishonesty. All tests involved can receive a score of zero. Also, students missing similar questions when taking the test at or near the same time will be more closely scrutinized. Instructor reserves the right to schedule separate testing times for students.**

Withdrawal Policy
If you are unable to complete this course, it is your responsibility to withdraw formally. The withdrawal request must be received in the Registrar’s Office before the last drop day. It is YOUR responsibility to withdraw from a course. Your instructor cannot initiate this procedure for you. Failure to drop by the deadline will result in your receiving your actual performance grade, usually a grade of “F”. If you drop a class before the official drop/withdrawal deadline, you will receive a “W” (Withdraw) in each class dropped. **The last day to drop for this semester is Thursday, August 3, 2017.**

Disability Accommodations
Any student who may need accommodations due to a disability should contact the Disability Services Office, Room A110 phone number (214) 860-2411.

Financial Aid Statement
Students who are receiving any form of financial aid should check with the Financial Aid Office prior to withdrawing from classes. Withdrawals may affect your eligibility to receive further aid and could cause you to be in a position of repayment by the end of the semester. Students who fail to attend or participate after the drop date are also subject to this policy.

Stop Before You Drop
For students who enrolled in college-level courses for the first time in the fall of 2007, Texas Education Code 51.907 limits the number of courses a student may drop. You may drop no more than 6 courses during your entire undergraduate career unless the drop qualifies as an exception. Your campus counseling/advising center will give you more information on the allowable exceptions. Remember that once you have accumulated 6 non-exempt drops, you cannot drop any other courses with a “W”. Therefore, please exercise caution when dropping courses in any Texas public institution of higher learning, including all seven of the Dallas County Community Colleges. For more information, you may access: [https://www1.dcccd.edu/coursedrops](https://www1.dcccd.edu/coursedrops)

Religious Holy Days Statement
A student who is absent from classes for the observance of a religious holy day shall be allowed to take an examination or complete an assignment scheduled for that day within a reasonable time after the absence if, not later than the fifteenth day after the first day of the semester, the student notified the instructor of each class scheduled on the date that the student would be absent for a religious holy day. A “religious holy day” means a holy day observed by a religion whose places of worship are exempt from property taxation under Section 11.20, Tax Code. The notice shall be in writing and shall be delivered by the student personally to the instructor, with receipt acknowledged and dated by the instructor or by certified mail, return receipt requested, addressed to the instructor. A student who is excused under this section may not be penalized for the absence, but the instructor may appropriately respond if the student fails to satisfactorily complete the assignment or examination.

Course Schedule

Chem 1412 Tentative Schedule
Summer II, 2017 Course Calendar

<table>
<thead>
<tr>
<th>WEEK</th>
<th>#</th>
<th>ASSIGNMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>July. 11</td>
<td>1</td>
<td>Complete the Course Orientation. Read the course Syllabus. Participate in the discussion board “Introduce Yourself” Chapter 8: Thermochemistry Chapter 11: Rate of Reaction</td>
</tr>
<tr>
<td>July. 17</td>
<td>2</td>
<td>Chapter 11: Rate of Reaction Chapter 12: Gaseous chemical Equilibrium</td>
</tr>
<tr>
<td>July. 24</td>
<td>3</td>
<td>Chapter 13: Acids and Bases Chapter 14: Equilibria in Acids – Bases Solutions</td>
</tr>
<tr>
<td>July. 31</td>
<td>4</td>
<td>Chapter 15 Precipitation Equilibria Chapter 16 Spontaneity of Reaction</td>
</tr>
<tr>
<td>Aug. 7</td>
<td>5</td>
<td>Chapter 17 Electrochemistry</td>
</tr>
</tbody>
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May Graduation Ceremony dates may vary at the colleges depending on space available.
Summer Academic Semester, 2017

Summer I
(Summer I includes classes meeting on the following Friday -- July 7 as class day.)

- May 29 (M)       Memorial Day Holiday
- June 5 (M)       Classes Begin
- June 8 (R)       4th Class Day
- June 29 (R)      Last Day to Withdraw
- July 4 (T)       Fourth of July Holiday
- July 5 (W)       Classes Resume
- July 7 (F)       Final Exams/Summer I Ends
- July 10 (M)      Last Day for faculty to submit grades electronically through eConnect to the Registrar's Office

Summer II
(Summer II includes classes meeting on the following Friday -- July 14 as class day.)

- July 11 (T)      Classes Begin
- July 14 (F)      4th Class Day
- August 3 (R)     Last Day to Withdraw
- August 10 (R)    Final Exams/Summer II Ends
- August 14 (M)    Last Day for faculty to submit grades electronically through eConnect to the Registrar's Office